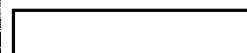


PHOTOGRAPHIC INTERPRETATION REPORT



ACQUISITION RADARS
AT CHINESE COMMUNIST
SAM INSTALLATIONS



25X1

AUGUST 1969
COPY 120
8 PAGES

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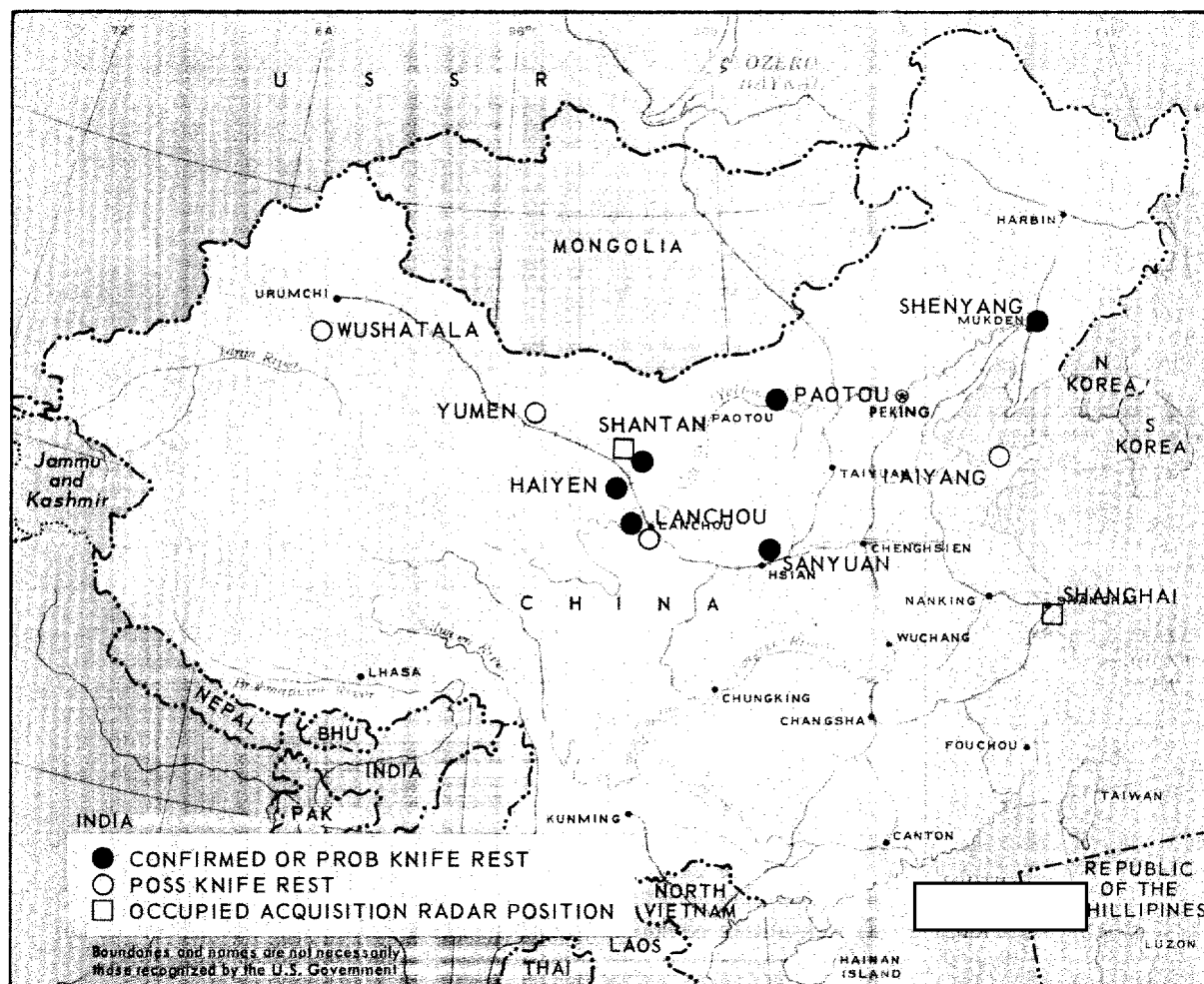
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FIGURE 1. GENERAL LOCATION MAP

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ACQUISITION RADARS AT CHINESE COMMUNIST SAM INSTALLATIONS

INTRODUCTION

Recent analysis and mensuration of high-resolution photography reveal the location of acquisition radars at various SA-2 sites and the three SAM training installations in China (Figure 1). This report replaces NPIC Photographic Intelligence Memorandum [REDACTED] Acquisition Radars at Chinese SAM Sites and Training Areas, dated May 1969, and its correction [REDACTED] dated 17 June 1969, which have been cancelled.

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SUMMARY

It is considered likely that an acquisition radar is now part of the normal inventory of a SAM site for the following reasons: 1) of the three SAM training installations, one contains a confirmed KNIFE REST, one contains a probable KNIFE REST, and the last has an occupied acquisition radar position; 2) with the exception of some sites within five nautical miles (nm) of an airfield, all presently occupied SAM sites which have been imaged on useable high-resolution photography over the past 18 months contain an identified acquisition radar or an occupied acquisition radar position.

Availability of these radars will decrease the dependence of SAM sites on the early warning net. While the KNIFE REST is not an ideal acquisition radar, its range of approximately 150 nm and its limited height-finding capability give a definite, though modest, advantage to a SAM site utilizing this equipment.

BASIC DESCRIPTION

The following is a description of all SAM sites and SAM training areas in China which currently have acquisition radars, or which had such radars recently. The unoccupied sites are included because, except for Wushatala, all of these sites have been replaced by new, occupied SAM sites in the same vicinity, but which have not yet been seen on high-resolution photography.

All identifications are based on high-resolution photography. Image limitations on small-scale photography allow only a determination of the occupancy of the acquisition radar position. Photographic grid coordinates for small-scale photography and geographic coordinates are for the center of the installation.

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ACQUISITION RADAR LOCATIONS

Paotcu Site A05-2

25X1A

Position: 40-43-50N 110-02-27E
Type: KNIFE REST B

25X1D

Shenyang Site B05-2

25X1A

Position: 41-59-45N 123-44-15E
Type: KNIFE REST B

The acquisition radar position was first seen possibly occupied on

25X1D

Wushatala Site A15-2

25X1A

Position: 42-08-10N 087-14-50E
Type: Possible KNIFE REST B

25X1D

Yumen Site A12-2

25X1A

Position: 40-13-27N 097-12-10E
Type: Possible KNIFE REST B

25X1D

25X1

25X1

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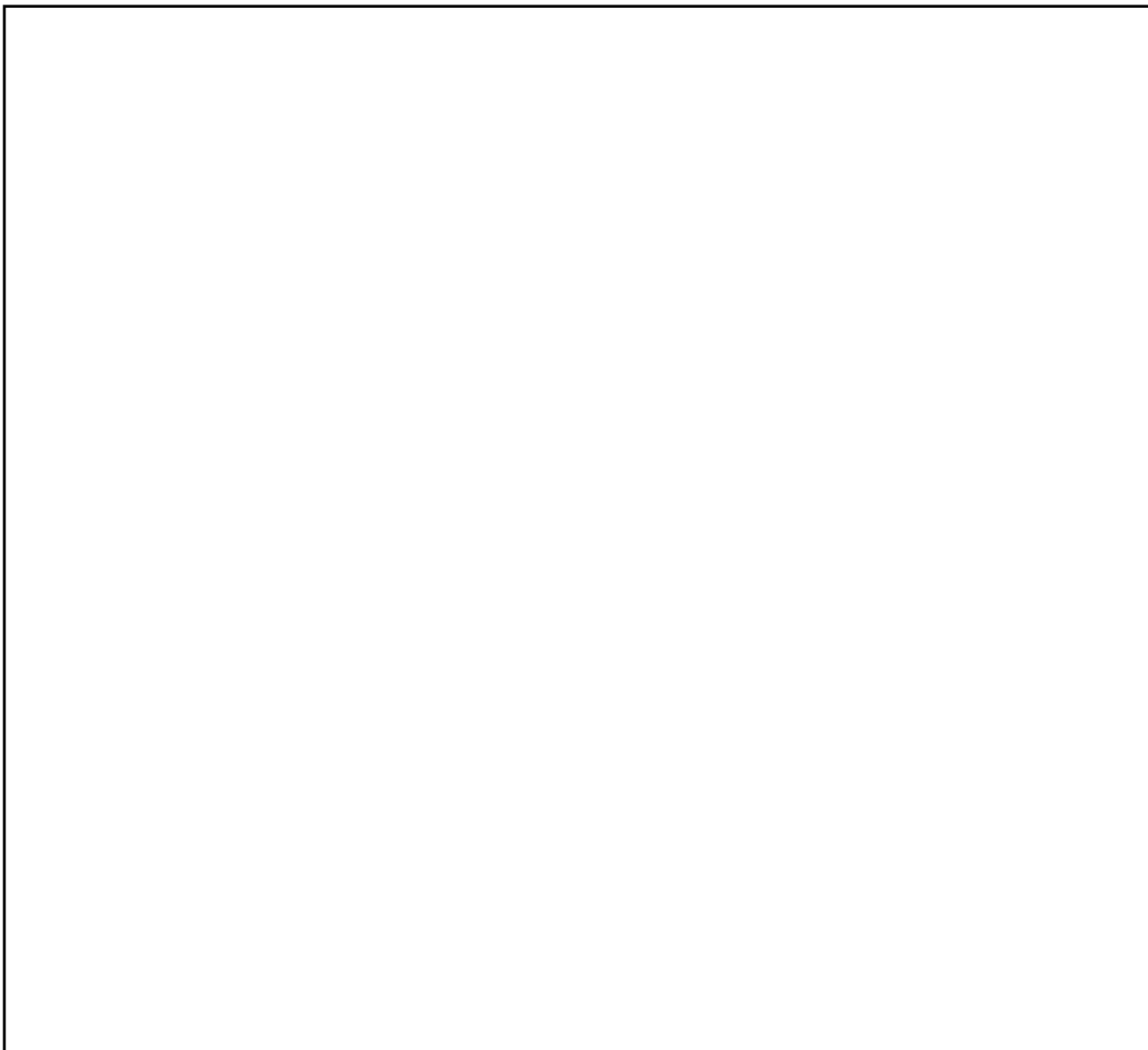
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Haiyen Site B25-2



Position: 36-48-52N 100-45-25E

Type: KNIFE REST B

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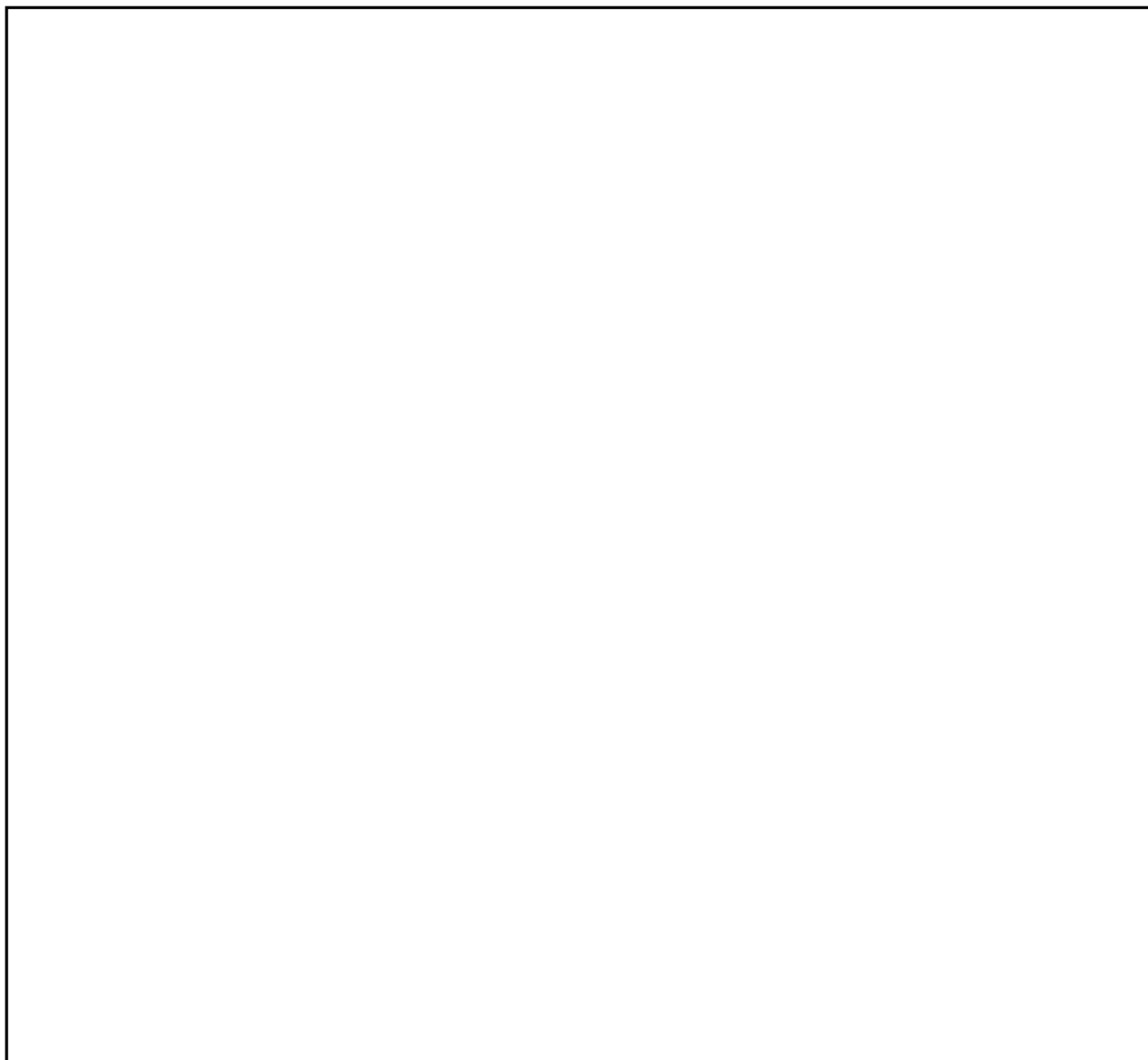
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25X1

25X1D



25X1A

Shantan SAM Training Area "A"



Position: 38-46-11N 101-05-10E

Type: KNIFE REST B

25X1D



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25X1

25X1A

Laiyang Site A26-2

[REDACTED]

Position: 36-57-30N 120-35-17E

Type: Possible KNIFE REST B

25X1D

25X1A

Sanyuan Site A06-2

[REDACTED]

Position: 34-39-40N 108-58-45E

Type: Probable KNIFE REST

25X1D

25X1A

Lanchou Site C25A-2

[REDACTED]

Position: 35-54-05N 103-16-21E

Type: KNIFE REST B

25X1D

OCCUPIED ACQUISITION RADAR POSITIONS

25X1D

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